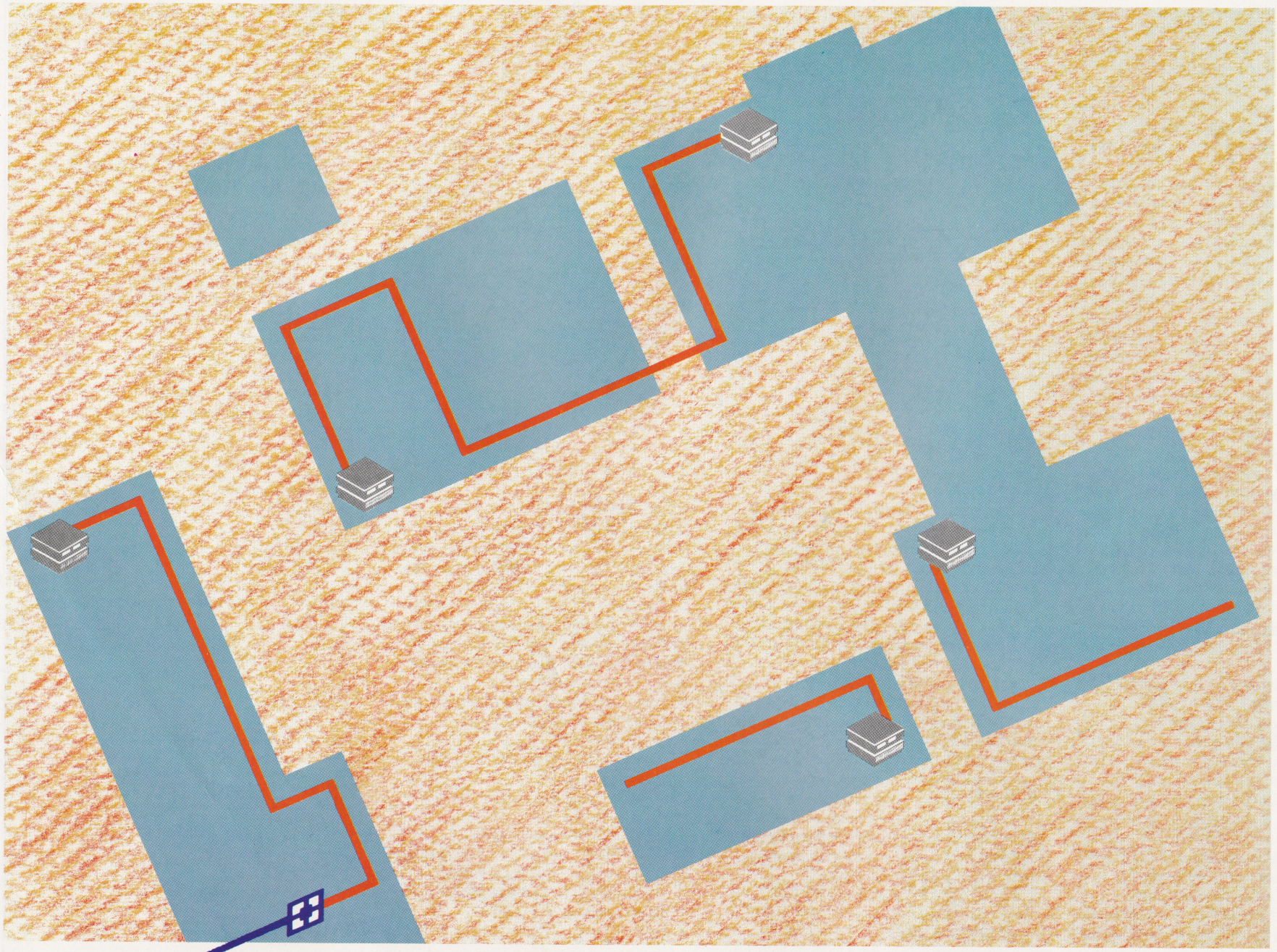


Acorn

The choice of experience in networking.

ECONET FILESTORE

ECONET FILESTORE

ECONET is Acorn's popular local area network system now familiar in so many schools, colleges and businesses. As promised, Acorn has continued to support and develop this economic and reliable network to meet the ever increasing demands made on modern technology, and to maintain its versatility in such a diverse market place.

The advantage of networks is the ability to share. Sharing facilities means saving on the cost of hardware and software, easy access to a wealth of information across the network and fast, effective communication. Many networks, however, need dedicated machines in order to run the file and printer server software. This takes over a complete workstation which is of value elsewhere on the network. Acorn's FILESTORE releases the file and printer servers and has no need for either keyboard or monitor. This new unit is extremely beneficial to both existing ECONET users and those considering ECONET for the first time.

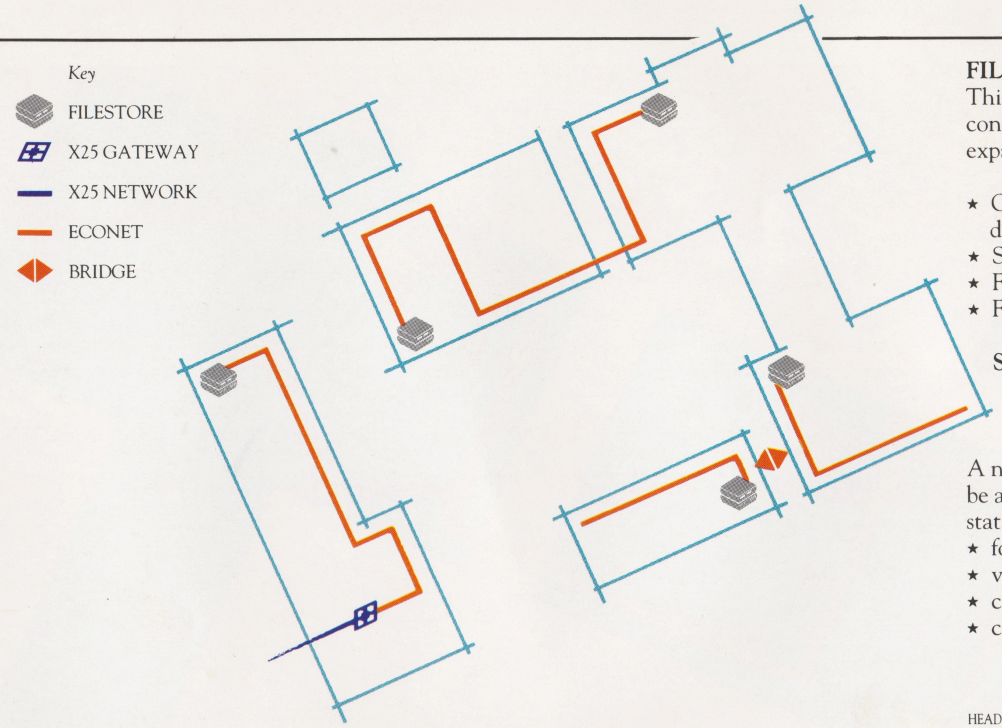
FILESTORE is designed for ease of use, which is an important consideration when choosing micro equipment. When the unit is switched on it will power up and initialise to provide shared access to both storage and printer without any other user interaction. The cost effectiveness of such a device is apparent, while the reduction in complexity of the unit has enabled Acorn to further reduce the cost of providing storage on the ECONET.

Naturally, the aspect of compatibility has been borne in mind. FILESTORE implements the same user interface and commands as the widely used level 2 and 3 fileservers. The services provided are fully compatible with the current level 3 file server and ECONET users who are familiar with these will not experience any difficulty in using the new FILESTORE.

Alongside these advantages FILESTORE also provides increased performance. Building on Acorn's now substantial experience in the field of networks there is a marked improvement in the level of service offered by FILESTORE. Developments in hardware and software design have enabled an increase of up to 6 times in some data access functions in the FILESTORE; and as a result, speed increases of up to 3 times have been noted in certain applications programs.

The floppy disc drive FILESTORE is a single self-contained unit weighing just 11 pounds. It is therefore easily moved if required in another area of the network, or for use off-site; work can then be prepared for use on the network using a single micro and FILESTORE to simulate the system in school or at work. Such portability is of great benefit and adds to the versatility of your ECONET system. The Winchester FILESTORE is a high performance, 3.5 inch 20 megabyte disc drive which provides a marked improvement in data access times over earlier generations of drives.

FILESTORE helps make ECONET a highly competitive network in terms of performance and cost.



FILESTORE E01 *(Product code AEH26)*
FILESTORE E01 is designed to operate either as part of an existing network or as a stand-alone unit to provide shared storage facilities to a number of ECONET workstations. When it is used as a stand-alone unit FILESTORE will generate its own clock and terminator and does not need separate ECONET clock and terminator units. The unit contains:

- ★ Two 3.5 inch floppy disc drives with up to 1.2 Mbytes of storage
- ★ Controller board
  - – 64K ROM, 64K RAM, 65C102 processor
  - – parallel printer interface
  - – FILESTORE expansion bus
  - – ECONET interface module
  - – ECONET clock and termination circuits
  - – real time clock unit and RAM maintained by rechargeable battery
- ★ Switch mode power supply
- ★ Fan

FILESTORE E20 *(Product code AEH27)*
This unit is designed to operate when connected to the E01 FILESTORE expansion bus and contains:

- ★ One 3.5 inch 20 Mbytes Winchester disc drive
- ★ Switch mode power supply
- ★ FILESTORE expansion bus socket
- ★ Fan

SOFTWARE
The units are supplied with discs pre-initialised to contain a number of management utility and program files. A number of maintenance functions can be assessed from any permitted ECONET station, such as:

- ★ format discs
- ★ verify discs
- ★ change file server number
- ★ change printer server name.

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DEALER

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Brochure design: by Design, Newmarket Print by Labute, Cambridge.

FIRST EDITION JANUARY 1987 APP 109